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ABSTRACT

METHOD FOR THE IDENTIFICATION AND/OR THE QUANTIFICATION OF A  
TARGET COMPOUND OBTAINED FROM A BIOLOGICAL SAMPLE UPON CHIPS

The present invention is related to a method for the identification and/or the quantification of a target compound obtained from a sample, preferably a biological sample, comprising the steps of putting into contact the target compound with a capture molecule in order to allow a specific binding between the target compound with a capture molecule, the capture molecule being fixed upon a surface of a solid support according to an array comprising a density of at least 20 discrete regions per  $\text{cm}^2$ , each of the discrete regions being fixed with one species of capture molecules, performing a reaction leading to a precipitate formed at the location of the binding, determining the possible presence of precipitate(s) in discrete region(s), and correlating the presence of the precipitate(s) at the discrete region(s) with the identification and/or a quantification of the target compound.